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AUG 15 5 31 PM '68


DEVELOPMENT STAFF
August 15, 1968

U. S. Government

Attention: Ed D.


Subject: Control #02228

Gentlemen:

We are enclosing two copies of the drawing you requested during your August 1, 1968, visit to 

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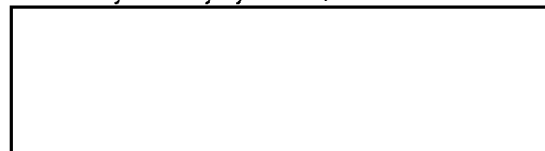
The comparator and console are drawn to scale and all key dimensions have been recorded. It must be realized, however, that this drawing can only be considered as preliminary because our drawing layouts are only in the early stages of development.

The dimension from the floor to the eyepoint of the viewing system is listed as 41 inches in the customer's specification. This dimension has been increased on our drawing #1740-P1 to 48 inches. Based on previous experience in designing comparators with binocular microscope viewing systems, we feel that the 48 inch dimension is necessary from the human engineering standpoint. The accuracy of the 41 inch dimension was, in fact, discussed with you during your August 1, visit. In checking this dimension in the Human Engineering Design Guide manual written by  we found that the floor to eyepoint measurement was specified on page 4-29 as 48 in. It is very likely that the 41 inch dimension listed in the customer's specification will, when resolved, turn out to be a typing error.

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Should there be any questions pertaining to the enclosed drawing, please do not hesitate to get in touch with us for further assistance.

Very truly yours,



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Asst. Manager, Engineering

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HBB:pc
Enclosure: Drawing

